

Site Name: RICHMOND ICE PLANT

Alias(es): RICHMOND ICE PLANT

City: RICHMOND **County or Parish:** MADISON

State: KY

Refer to Report Dated: 07/26/2016

EPA ID: KYD042943217

Report Developed By: STATE

State ID:

Report Type: Site Reassessment #001

Decision Date: 07/26/2016

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|-------------------------------------|---|
| <input checked="" type="checkbox"/> | 1. Further Remedial Site Assessment Under CERCLA (Superfund) is not required because: NFRAP-Site does not qualify for the NPL based on existing information |
| <input type="checkbox"/> | 2. Further Assessment Needed Under CERCLA. |
| <input type="checkbox"/> | 3. Remedial study/cleanup needed. |

Decision/Rationale:

The U.S. Environmental Protection Agency (EPA) has determined that no further remedial action by the Federal Superfund program is warranted at the referenced site, at this time. The basis for the no further remedial action planned (NFRAP) determination is provided below. A NFRAP designation means that no additional remedial steps under the Federal Superfund program will be taken at the site unless new information warranting further Superfund consideration or conditions not previously known to EPA regarding the site are disclosed. In accordance with EPA's decision regarding the tracking of NFRAP sites, the referenced site may be removed from EPA's Active site inventory and placed in a separate Archive site inventory as an historical record if no further Superfund interest is warranted. Archived sites may be returned to the Active site inventory if new information necessitating further Superfund consideration is discovered.

The site was an ice plant which manufactured ice for residential and commercial use. The plant used liquid ammonia as its refrigerant in a closed loop system. The primary area of concern during the original PA was the pond located behind the old ice plant. The former pond was fed by an un-named stream which flowed along the rail bed on the west of the site from the south. The stream was redirected when the facility switched to a municipal water source and the owner decided to fill in the pond with concrete debris and soil (Ref. 4). Before the pond closure was completed open dumping of household trash and debris was reported. The KDEP Frankfort Regional Office investigated numerous reports of open dumping and on one occasion discovered a black oily substance on the bank and the water surface. A slimy substance was also found in the area but no further description of the substance was found in KDEP records.

There are no groundwater users within the four mile radius to consider the Groundwater Migration Pathway a concern. The residents of Richmond are supplied with drinking water from a surface water source that is upstream and not impacted by the site.

The Soil Exposure Pathway is limited by a vegetated cap vegetated cap on the area where the pond was located.

The Air Migration Pathway was not evaluated because there are no active emissions from the facility. The Richmond Ice Plant building was demolished sometime between 1997 and 2007.

The Surface Water Migration Pathway was evaluated and determined not to be a concern due to the distances to environmentally sensitive features and lack of surface water targets. The nearest wetland of concern is approximately four miles away from the site. A surface water intake is located 14.7 miles downstream and would therefore not be likely to be impacted by this site.

There are insufficient targets to warrant further action under CERCLA, therefore, EPA concurs with KDEP's recommendation of no further action at this time.

Decision/Rationale (Continued):

Site Decision Made By: Donna Seadler

Signature: _____

Decision Date: 07/26/2016